Index of Claims



Application/Control No.

10/553,175 Examiner

Brij B. Shrivastav

Applicant(s)/Patent under Reexamination

CHMIELEWSKI ET AL.

Art Unit

2859

| √ | Rejected |
|---|----------|
| = | Allowed |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| | | _ | _ | | | | • | | | | | - | | | | | | , |
|--------------|----------|--|--|--------------|------------|--|--|----------|--|----------|----|--------------|----------|--------------|--|----------|----------|---|
| Cla | aim | | Date | | | | | Claim | | | D | | | | | | | |
| Final | Original | 10/14/06 | | | | | | | | | | Final | Original | | | | | |
| | 1 | V | | | | | | | | | | | 51 | | | | \vdash | t |
| | 2 | | | | | | | | | _ | | | 52 | | | | | Ī |
| | 3 | Ц | | | | | | | | L | | | 53 | | | | | Γ |
| | 4 | Ц | | | <u>L</u> | <u> </u> | 匚 | | | <u></u> | i | | 54 | | | | | L |
| | 5 | Ш | L | 乚 | <u> </u> | L | <u> </u> | | | L | | | 55 | | | | | L |
| <u></u> | 6 | Ц | _ | _ | L_ | L | <u> </u> | | | <u> </u> | | L | 56 | _ | <u> </u> | _ | | L |
| | 7 | 1 | _ | _ | | <u> </u> | L | | _ | <u>_</u> | | | 57 | | | | | ļ |
| <u> </u> | 8 | Ц | | <u> </u> | | _ | <u> </u> | | <u> </u> | <u> </u> | | | 58 | ldash | L | Ь. | | ļ |
| <u> </u> | 9 | Н | | | ├ | <u> </u> | <u> </u> | - | ⊢ | | | | 59 | | _ | | | ļ |
| <u> </u> | 10 | Н | <u> </u> | ├- | ⊢ | | <u> </u> | - | ⊢ | _ | | ļ | 60 | ┝ | <u> </u> | | <u> </u> | ļ |
| - | 11 12 | Н | ⊢ | - | - | - | H | | | | | | 61 62 | - | ┝ | | \vdash | - |
| <u> </u> | | Н | ┝ | ⊢ | ┢ | | ⊢ | | ┢ | | | | 63 | | \vdash | - | | 1 |
| - | 13 | Н | | ╁ | \vdash | \vdash | \vdash | | \vdash | | | <u> </u> | 64 | - | - | _ | | ł |
| | 15 | ╫ | - | ├- | \vdash | \vdash | \vdash | - | - | ├─ | | | 65 | - | - | | | ł |
| _ | 16 | ╁ | | ╁ | ╁ | | \vdash | - | ╁ | ╁ | | | 66 | | - | | - | t |
| - | 17 | 1 | \vdash | \vdash | ┢ | ┪ | - | \vdash | \vdash | \vdash | ì | | 67 | 1 | - | | _ | t |
| | 18 | 1 | | \vdash | H | \vdash | - | \vdash | \vdash | 一 | i | | 68 | | \vdash | | _ | t |
| | 19 | H | $\overline{}$ | \vdash | Т | \vdash | - | ╁ | ✝ | Н | İ | | 69 | | | | | t |
| | 20 | 5 | | | 1 | \vdash | | <u> </u> | _ | 一 | 1 | | 70 | | | | | t |
| | 21 | | | | | | | | | Γ | 1 | | 71 | | _ | | | t |
| | 22 | | | | | | | | | | ĺ | | 72 | | | | | T |
| | 23 | | · | | | | | | | Π | 1 | | 73 | | | | | Ī |
| | 24 | | | L., | | | | | | |] | | 74 | | | | | Ī |
| | 25 | | | | <u> </u> | <u> </u> | | | <u> </u> | | J | | 75 | | | | | L |
| | 26 | | | L. | ļ | | | | | | Į | | 76 | | | | <u> </u> | L |
| | 27 | _ | ╽ | ļ | <u> </u> | <u> </u> | _ | | L | _ | Į | <u> </u> | 77 | | | | L | ļ |
| <u> </u> | 28 | _ | L- | <u> </u> | <u> </u> | <u> </u> | _ | _ | _ | _ | Į | | 78 | _ | | <u> </u> | <u> </u> | ļ |
| <u> </u> | 29 | ļ | | ┝ | <u> </u> | | - | <u> </u> | L | _ | l | | 79 | - | _ | <u> </u> | ┡ | ļ |
| <u> </u> | 30 | | | ├ | ├ | | - | | L | <u> </u> | ł | | 80 | | | <u> </u> | | ╀ |
| - | 31 32 | - | ┢ | ╢ | ├ | - | | ├- | - | ├ | ł | | 81 | H | - | ⊢ | ⊢ | ╀ |
| - | 33 | ┝ | ┢ | ╁╾ | ├ | - | ├─ | ├─ | ├ | ⊢ | ł | | 82 83 | ├ | | | \vdash | ł |
| \vdash | 34 | | - | \vdash | \vdash | | | \vdash | | \vdash | 1 | | 84 | \vdash | | \vdash | \vdash | t |
| — | 35 | ┝ | | t | Н | \vdash | | H | \vdash | \vdash | 1 | \vdash | 85 | | | \vdash | \vdash | t |
| | 36 | ┢ | | | | | | | T | \vdash | 1 | | 86 | - - | <u> </u> | | \vdash | t |
| | 37 | \vdash | | \Box | Г | | Т | | Ι_ | \vdash | 1 | | 87 | T | | Н | Т | t |
| | 38 | | | 1 | | | | | | | İ | | 88 | ļ | | Г | | t |
| | 39 | | | L | L | | | | | |] | | 89 | | | | | T |
| | 40 | | | | | | | | | |] | | 90 | | | | | Γ |
| | 41 | | | | | | | | | | | | 91 | | | | | ſ |
| | 42 | | _ | $oxed{oxed}$ | <u> </u> | | | <u>.</u> | Ĺ | | Į | ļ | 92 | | ļ | | Ĺ | Ĺ |
| <u></u> | 43 | _ | _ | _ | <u> </u> | _ | _ | | | | ١. | <u> </u> | 93 | | <u> </u> | L | _ | 1 |
| \vdash | 44 | _ | ऻ_ | <u> </u> | ├ _ | _ | <u> </u> | _ | _ | <u> </u> | l | <u> </u> | 94 | _ | <u> </u> | <u> </u> | <u> </u> | 1 |
| ├ | 45 | _ | - | <u> </u> | ⊢ _ | ऻ_ | 1 | <u> </u> | L | <u> </u> | l | <u> </u> | 95 | | <u> </u> | <u> </u> | <u> </u> | 1 |
| <u> </u> | 46 | - | - | ₩ | | \vdash | - | - | _ | <u> </u> | ł | <u> </u> | 96 | | \vdash | \vdash | <u> </u> | 1 |
| <u> </u> | 47 | ├- | - | \vdash | ⊢ | - | - | \vdash | \vdash | ├- | | - | 97 | \vdash | ├- | - | \vdash | ł |
| - | 48 | ├- | - | \vdash | \vdash | ├- | - | - | ⊢ | ├ | | | 98 99 | H | <u> </u> | - | \vdash | ł |
| <u></u> | 49 50 | - | \vdash | \vdash | ╁ | \vdash | - | - | - | ├ | | <u> </u> | 100 | \vdash | \vdash | - | ⊢ | ł |
| Щ. | , 50 | | Щ | <u> </u> | Щ | Ь | Ц_ | Щ | | Ц | j | Щ_ | 100 | | <u> </u> | Щ. | Щ. | L |

| Claim | | Date | | | | | | | | | | |
|----------|----------------|----------|---|----------|----------|----------|----------|----------|----------|----------|--|--|
| | | | | | | | | | | | | |
| Final | Original | | | | | | | | | | | |
| | 51 52 53 | | | | | | | | | | | |
| | 52 | | | | | | | | | | | |
| | 53 | | | | | | | | | | | |
| | 54 55 | | | | | | | | | | | |
| | 55 | | | | | | | | | | | |
| | 56 | | | | | | | | | | | |
| | 57 | | | | | | | | | | | |
| | 58 | | | | | | | | | | | |
| <u> </u> | 59 | | | | | | | | | | | |
| <u> </u> | 60 | | - | | _ | | | | | | | |
| | 61 | | | | | | | | | | | |
| - | 62 63 | | _ | _ | - | | _ | _ | | - | | |
| | 64 | | | | | _ | _ | | _ | — | | |
| | 65 | | | | | _ | - | | | _ | | |
| | 66 | _ | | | | | | | | _ | | |
| | 67 | | | _ | _ | | | | | | | |
| | 68 | | | | | _ | _ | | | | | |
| | 68 69 | | | | | | | | | \vdash | | |
| | 70 | | | | | | | | | | | |
| | 71 | | | | | | | | | | | |
| | 72 | | | | | | | | | | | |
| | 73 | | | | | | | | | | | |
| | 74 | | | | | | | | | | | |
| | 75 | | | | | | | | | _ | | |
| - | 76 77 | | | | _ | | | | | | | |
| | 70 | | | | | | | _ | | | | |
| | 78 79 | | | _ | _ | | | _ | | _ | | |
| | 80 | | | _ | | | _ | - | | - | | |
| | 81 | | | _ | - | | _ | — | | - | | |
| | 82 | | | | | _ | | - | | | | |
| | 83 | | - | | | | | | - | - | | |
| | 84 | | | | | | | Т | | <u> </u> | | |
| | 85 | | | | | | | | | | | |
| | 86 | | | | | | | | | | | |
| | 87 | | | | | | | | | | | |
| | 88 | | | | | | | | | | | |
| | 89 | | | _ | | _ | | | | | | |
| | 90 | | | _ | | | <u> </u> | _ | <u> </u> | _ | | |
| | 91 92 | | | | | - | | _ | | _ | | |
| | 93 | - | | _ | \vdash | _ | - | | <u> </u> | _ | | |
| - | 93 | | - | - | - | - | - | | <u> </u> | <u> </u> | | |
| | 95 | \vdash | - | - | - | - | | | | ⊢ | | |
| | 96 | H | - | <u> </u> | - | - | | - | <u> </u> | \vdash | | |
| | 97 | | | - | \vdash | - | \vdash | <u> </u> | \vdash | \vdash | | |
| | 98 | Н | | _ | Н | _ | Н | - | <u> </u> | \vdash | | |
| | 99 | | | - | | \vdash | \vdash | <u> </u> | \vdash | H | | |
| | 100 | | П | | | | \vdash | \vdash | \vdash | Г | | |

| Claim | | Date | | | | | | | | | | |
|--|---|--|--------------|----------|--------------|--------------|--|--------------|--|-----------------|--|--|
| | | | | | | | | | | | | |
| a | Original | | | | | | | | | | | |
| Final | rig | | | | | | | | | | | |
| | 0 | | | | | | | | | | | |
| | 101 | | | | _ | | | _ | | H | | |
| | 101 102 | | | | | | | _ | _ | Н | | |
| | 103 | | | | \vdash | _ | Н | | _ | H | | |
| | 103 104 105 | | | | | | - | | | Н | | |
| | 105 | \vdash | | | \vdash | _ | \vdash | | | Н | | |
| <u> </u> | 106 107 108 | \vdash | | | Н | _ | _ | \vdash | | Н | | |
| | 107 | | - | | | _ | - | | \vdash | Н | | |
| | 108 | - | - | | H | H | - | | - | Н | | |
| | 100 | H | Н | | ┢ | - | - | | \vdash | Н | | |
| | 110 | H | _ | | \vdash | | - | | \vdash | Н | | |
| | 111 | \vdash | <u> </u> | H | - | - | | | \vdash | Н | | |
| - | 112 | \vdash | <u> </u> | | \vdash | - | - | | | Н | | |
| | 112 | \vdash | | - | | - | | - | \vdash | \vdash | | |
| | 113 | \vdash | | | - | - | ⊢ | \vdash | \vdash | H | | |
| \vdash | 114 | \vdash | - | \vdash | | \vdash | \vdash | H | \vdash | Н | | |
| <u> </u> | 110 | \vdash | | ⊢ | ├ | \vdash | ⊢ | H | ├ | $\vdash \vdash$ | | |
| \vdash | 110 | - | - | <u> </u> | - | - | | H | | $\vdash \vdash$ | | |
| \vdash | 109 1110 1111 1112 1113 1114 1115 1116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 | | \vdash | ⊢ | | | - | H | - | \vdash | | |
| <u> </u> | 110 | | _ | _ | ⊢ | H | _ | H | | Н | | |
| ├─ | 119 | _ | _ | H | <u> </u> | ┝ | \vdash | H | _ | Н | | |
| <u> </u> | 120 | | _ | H | \vdash | - | | <u> </u> | | Н | | |
| - | 121 | | _ | _ | _ | _ | <u> </u> | <u> </u> | _ | Н | | |
| <u> </u> | 122 | | _ | \vdash | ┢ | _ | - | \vdash | _ | Н | | |
| ├ | 123 | | - | | H | | | | | | | |
| | 124 | | _ | | - | _ | _ | <u> </u> | _ | - | | |
| <u> </u> | 125 | | - | - | - | | <u> </u> | <u> </u> | - | \vdash | | |
| <u> </u> | 120 | - | | ├— | ├ | | | ┝ | ├ | \vdash | | |
| | 127 | | - | | _ | | ├- | - | ├ | $\vdash\dashv$ | | |
| | 120 | - | - | | - | _ | ⊢ | - | ⊢ | \vdash | | |
| <u> </u> | 129 | H | - | - | - | _ | ├ | ⊢ | ├ | Н | | |
| | 130 | - | | - | - | _ | - | | _ | Н | | |
| | 131 132 | - | | - | - | _ | ┡ | Ľ. | <u> </u> | \vdash | | |
| | 132 | ⊢ | ┝ | <u> </u> | - | | - | - | - | | | |
| | 133 | \vdash | \vdash | \vdash | - | | - | | | \vdash | | |
| | 134 135 | \vdash | \vdash | - | - | | - | | | | | |
| | 135 | ┝ | ├ | ┢ | <u> </u> | \vdash | ├- | \vdash | - | Н | | |
| | 130 | \vdash | \vdash | \vdash | \vdash | \vdash | - | - | - | Н | | |
| | 137 | \vdash | \vdash | \vdash | \vdash | ├— | - | \vdash | \vdash | Н | | |
| | 130 | \vdash | \vdash | \vdash | - | | ├- | - | - | $\vdash \dashv$ | | |
| | 136 137 138 139 140 | \vdash | \vdash | \vdash | - | - | | | ├ | \vdash | | |
| <u> </u> | | | \vdash | <u> </u> | - | | ├- | - | ├ | \vdash | | |
| <u> </u> | 141 | - | \vdash | \vdash | ├ | | ├- | | ├ | \vdash | | |
| | 143 | \vdash | \vdash | \vdash | \vdash | - | ├- | ├- | ┢ | $\vdash \vdash$ | | |
| | 144 | - | \vdash | \vdash | - | \vdash | ├- | \vdash | - | $\vdash \vdash$ | | |
| | 144 | \vdash | \vdash | \vdash | \vdash | \vdash | ├- | \vdash | - | Н | | |
| | 145 | \vdash | \vdash | \vdash | \vdash | \vdash | - | \vdash | - | Н | | |
| <u> </u> | 146 147 | ├- | ┝ | ├ | ├- | ⊢ | ├- | ┢ | \vdash | H | | |
| | 147 | - | <u> </u> | <u> </u> | ├ | | - | \vdash | ⊢ | Н | | |
| <u> </u> | 148 | ├ | ├- | ├- | - | \vdash | - | \vdash | \vdash | Н | | |
| <u> </u> | 149 | | - | _ | ├- | \vdash | <u> </u> | ⊢ | ├- | Н | | |
| L | 150 | L | L | <u> </u> | | <u> </u> | L_ | <u> </u> | <u> </u> | Ш | | |